

# **AGENCY STRATEGIC PLAN**

**FOR THE FISCAL YEARS**

**2005 - 2009**



**ARKANSAS SCIENCE & TECHNOLOGY AUTHORITY**

**FUNCTIONAL AREA: ECONOMIC DEVELOPMENT**

# **AGENCY STRATEGIC PLAN APPROVAL FORM**

**FOR THE FISCAL YEARS**

**2005 - 2009**

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**President**

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# STRATEGIC PLAN

<b>Agency Name</b>	<b>Arkansas Science &amp; Technology Authority</b>
<b>Agency Mission Statement:</b>  To exert leadership in and to give direction to a broad spectrum of programs and services designed to gain for this state and its people the benefits and opportunities to be realized through advanced science and technology.	

## **AGENCY GOAL 1:**

To plan, promote, influence, and support with high quality programs and services the commercialization of research innovations thereby helping to grow the Arkansas economy and increase per capita income.

# STRATEGIC PLAN

Agency Name		Arkansas Science & Technology Authority
Program		Research and Commercialization Program
Program Authorization		ACA 15-3-109(a) (1) & 15-3-110 (a) – (c) (2); Basic Research Grant Program Rules (August 1987); ACA 15-3-201 through 15-3-208  ACA 15-3-120 through 15-3-122; 15-3-109(a)(6) & 15-3-110(e)(1) through (4) Seed Capital Investment Program Rules (November 1995) & Technology Development Rules (June 1993)  ACA 15-3-109(a)(4); 15-3-130 through 15-3-134; 15-3-109(a)(2) & 15-3-110(d)(1) through (4); Applied Research Grant Program Rules (August 1987), Technology Transfer Assistance Grant Program Rules (April 1994) and Centers for Applied Technology Program Rules (October 1998)
Program Definition:		The Research and Commercialization Program supports strategic state investments, including R&D tax credits, in college and university research and educational activities, development of new products, and the commercialization of new technology.
Program Funds-Center Code: <u>0327P01</u>		
AGENCY GOAL(S) #	1	
Anticipated Funding Sources for the Program:		General Revenue, General Improvement, and Cash Funds

## GOAL 1:

To stimulate the higher-education research infrastructure to generate more innovations through research and educational activities, around which to develop new products and knowledge-based companies.

### OBJECTIVE 1: (Sub-Fund Center Code To be assigned by DFA – Accounting)

To increase innovations by leveraging increased federal research and development expenditures in Arkansas.

### STRATEGY 1:

Fund basic research to make university scientists, technologists, and engineers more nationally competitive for federal research funds.

# STRATEGIC PLAN

## **STRATEGY 2:**

Support larger-scale research projects and research infrastructure investments that make higher education institutions more nationally competitive for federal research funds.

## **STRATEGY 3:**

Support strategic research and research infrastructure projects that are relevant to the state's economic growth and that make higher education institutions more nationally competitive for federal research funds.

## **GOAL 2:**

To promote and influence the creation of equity capital for emerging knowledge-based companies and facilitate increased private equity investments in such firms, thereby creating more jobs for knowledge workers and increasing in-state employment opportunities for Arkansas college graduates.

### **OBJECTIVE 1: (Sub-Fund Center Code To be assigned by DFA – Accounting)**

To increase knowledge worker jobs through entrepreneurship and new company formation.

## **STRATEGY 1:**

Fund seed capital investments, thereby increasing deal flow for private equity investments.

## **STRATEGY 2:**

Develop new products or services, around which to create new knowledge-based companies.

## **STRATEGY 3:**

Support SBIR (Small Business Innovation Research Program) efforts (i.e. proposal preparation) in new enterprises and leverage Phase I & II SBIR awards (with all relevant programmatic activities of the Authority).

## **STRATEGY 4:**

Encourage private support of entrepreneurship and new company formation with certificates of tax credit for private investments under all programmatic activities of the Authority and in collaboration with other public and private entities.

# STRATEGIC PLAN

<b>Agency Name</b>	Arkansas Science & Technology Authority
<b>Program</b>	Research and Commercialization Program

## PERFORMANCE MEASURES: (Effort, Output, Outcome, and/or Efficiency)

<b>DESCRIPTION</b> (Indicate the Goal and Objective to which applicable)	<b>METHODS AND SOURCES USED OBTAINING DATA</b>	<b>FISCAL YEAR 2005</b>	<b>FISCAL YEAR 2006</b>	<b>FISCAL YEAR 2007</b>	<b>FISCAL YEAR 2008</b>	<b>FISCAL YEAR 2009</b>
Number of projects supported <i>Goal 1, Objective 1</i>	Project management, internal databases, and Metrics document	9	17	17	20	20
Federal R&D funding at colleges and universities <i>Goal 1, Objective 1</i>	National Science Foundation and Metrics document	\$70 million	\$76 million	\$84 million	\$92 million	\$98 million
Number of companies and new enterprises enabled <i>Goal 2, Objective 1</i>	Project management, internal databases, and Metrics document	8	8	8	10	12
Amount of venture capital funds invested in Arkansas companies <i>Goal 2, Objective 1</i>	National Venture Capital Assn. and Metrics document	\$15 million	\$18 million	\$19 million	\$20 million	\$21 million

# STRATEGIC PLAN

<b>Agency Name</b>		Arkansas Science & Technology Authority
<b>Program</b>		Technology and Manufacturing Extension Program
<b>Program Authorization</b>		ACA 15-3-109(a)(4); 15-3-130 through 15-3-134; 15-3-109(a)(2) & 15-3-110(d)(1) through (4); Applied Research Grant Program Rules (August 1987), Technology Transfer Assistance Grant Program Rules (April 1994) and Centers for Applied Technology Program Rules (October 1998)
<b>Program Definition</b>		The Technology and Manufacturing Extension Program plans strategic state investments in, evaluates proposals and applications for, and supports Manufacturing Extension, Technology Transfer, and Applied Research.
<b>Program Funds-Center Code: <u>0327P02</u></b>		
<b>AGENCY GOAL(S) #</b>	<b>1</b>	
<b>Anticipated Funding Sources for the Program:</b>		General Revenue, Special Revenue, Federal Funds

## GOAL 1:

To maintain and transform existing enterprises into knowledge-based companies and increase their global competitiveness.

### OBJECTIVE 1: (Sub-Funds Center Code To be assigned by DFA – Accounting)

To strengthen existing Arkansas enterprises by improving their quality, productivity, and global competitiveness and transforming them into world-class firms.

#### STRATEGY 1:

Support technology transfer to existing enterprises.

#### STRATEGY 2:

Institutionalize and support the Arkansas Manufacturing Extension Network, consistent with a federally mandated focus on manufacturing.



# STRATEGIC PLAN

Agency Name	Arkansas Science & Technology Authority
Program	Technology and Manufacturing Extension Program

## PERFORMANCE MEASURES: (Effort, Output, Outcome, and/or Efficiency)

DESCRIPTION (Indicate the Goal and Objective to which applicable)	METHODS AND SOURCES USED OBTAINING DATA	FISCAL YEAR 2005	FISCAL YEAR 2006	FISCAL YEAR 2007	FISCAL YEAR 2008	FISCAL YEAR 2009
Number of jobs created or retained <i>Goal 1, Objective 1</i>	Internal database, Network survey, and Metrics document	400	450	470	470	470
Number of enterprises assisted per year <i>Goal 1, Objective 1</i>	Internal database and Metrics document	288	295	301	317	328

# STRATEGIC PLAN

Agency Name		Arkansas Science & Technology Authority
Program		Management Services Program
Program Authorization		ACA 15-3-101 through 208; Agency Rules and guidelines; Board documents; applicable Executive Orders, Federal Laws, Federal Regulations, etc.
Program Definition		The Management Services Program establishes the quality framework for governance of the Authority and administration of its programs and services.
Program Funds-Center Code: <u>0327P03</u>		
AGENCY GOAL(S) #	1	
Anticipated Funding Sources for the Program		General Revenue, Special Revenue, Federal Funds

## GOAL 1:

To become a more effective and efficient organization through the application of quality management.

### OBJECTIVE 1: (Sub-Funds Center Code to be assigned by DFA – Accounting)

To administer programs more effectively and efficiently.

### STRATEGY 1:

Implement quality management practices throughout the agency in order to carry out the Authority's mission and to meet all performance targets.

# STRATEGIC PLAN

<b>Agency Name</b>	Arkansas Science & Technology Authority
<b>Program</b>	Management Services Program

## PERFORMANCE MEASURES: (Effort, Output, Outcome, and/or Efficiency)

<b>DESCRIPTION</b> (Indicate the Goal and Objective to which applicable)	<b>METHODS AND SOURCES USED OBTAINING DATA</b>	<b>FISCAL YEAR 2005</b>	<b>FISCAL YEAR 2006</b>	<b>FISCAL YEAR 2007</b>	<b>FISCAL YEAR 2008</b>	<b>FISCAL YEAR 2009</b>
Percent of performance targets met <i>Goal 1, Objective 1</i>	Strategic Plan Implementation and Metrics document	100%	100%	100%	100%	100%
Percent of agency staff and budget in the Management Services Program compared to total agency positions and budget <i>Goal 1, Objective 1</i>	Strategic Plan Implementation, budget expenditures, and Metrics document	100% / 25%	100% / 25%	100% / 25%	100% / 25%	100% / 25%
Information technology budget as a percent of total budget <i>Goal 1, Objective 1</i>	Strategic Plan Implementation, budget expenditures, and Metrics document	3%	3.5%	3.5%	3.5%	3.5%
Number of proprietary information systems maintained by agency staff or maintained through contractual services <i>Goal 1, Objective 1</i>	Strategic Plan Implementation and Metrics document	1	1	1	1	1
Number of prior year audit findings repeated in subsequent audit <i>Goal 1, Objective 1</i>	Strategic Plan Implementation and Metrics document	0	0	0	0	0